

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S38	15	(pll\$1 or (phase near2 lock\$3 near2 loop\$1)) and "hz/volt" with (vco or (voltage near2 control\$3 near2 oscillat\$4)) and (@pd<"20021130" or @ad<"20021130" or @prad<"20021130" or @rlad<"20021130")	USPAT	OR	OFF	2007/08/15 14:19
S46	25	(pll\$1 or (phase near2 lock\$3 near2 loop\$1)) and (calibrat\$3 or tun\$3 or correct\$3 or compensat\$3 or adjust\$3 or adjustment\$1) near3 (sensitivit\$3 or range\$1 or dynamic) near3 (vco or (voltage near2 control\$3 near2 oscillat\$4)) same (loop or low\$2pass) near2 filter\$2 with control\$3 and (@pd<"20021130" or @ad<"20021130" or @prad<"20021130" or @rlad<"20021130")	USPAT	OR	OFF	2007/08/16 10:04
S50	5	(pll\$1 or (phase near2 lock\$3 near2 loop\$1)) and (calibrat\$3 or tun\$3 or correct\$3 or compensat\$3 or adjust\$3 or adjustment\$1) near3 gain\$1 near2 (vco or (voltage near2 control\$3 near2 oscillat\$4)) same (loop or low\$2pass) near2 filter\$2 with control\$3 and (@pd<"20021130" or @ad<"20021130" or @prad<"20021130" or @rlad<"20021130")	USPAT	OR	OFF	2007/08/16 11:14
S42	230	(pll\$1 or (phase near2 lock\$3 near2 loop\$1)) and (calibrat\$3 or tun\$3) near3 (vco or (voltage near2 control\$3 near2 oscillat\$4)) same (loop or low\$2pass) near2 filter\$2 with control\$3 and (@pd<"20021130" or @ad<"20021130" or @prad<"20021130" or @rlad<"20021130")	USPAT	OR	OFF	2007/08/16 09:22

## EAST Search History

S48	280	(pll\$1 or (phase near2 lock\$3 near2 loop\$1)) and (defin\$3 or represent\$3 or show\$3) near3 vco near2 frequenc\$3 and (@pd<"20021130" or @ad<"20021130" or @prad<"20021130" or @rlad<"20021130")	USPAT	OR	OFF	2007/08/16 09:48
S23	13	(pll\$1 or (phase near2 lock\$3 near2 loop\$1)) and (gain\$1 or voltage\$1) near3 (obtain\$3 or calculat\$3 or comput\$5 or determin\$4 or measur\$3 or measur\$1ment\$1) near5 (vco or (voltage near2 control\$3 near2 oscillat\$4)) with division near2 ratio\$1 and (@pd<"20021130" or @ad<"20021130" or @prad<"20021130" or @rlad<"20021130")	USPAT	OR	OFF	2007/08/14 17:46
S55	5	(pll\$1 or (phase near2 lock\$3 near2 loop\$1)) and (tuning near2 sensitivit\$3) near3 (vco or (voltage near2 control\$3 near2 oscillat\$4)) same (loop or low\$2pass) near2 filter\$2 with control\$3 and (@pd<"20021130" or @ad<"20021130" or @prad<"20021130" or @rlad<"20021130")	USPAT	OR	OFF	2007/08/16 13:25
S39	336	(pll\$1 or (phase near2 lock\$3 near2 loop\$1)) and sensitivit\$3 near4 (vco or (voltage near2 control\$3 near2 oscillat\$4)) and (@pd<"20021130" or @ad<"20021130" or @prad<"20021130" or @rlad<"20021130")	USPAT	OR	OFF	2007/08/15 10:28
S15	427	(pll\$1 or (phase near2 lock\$3 near2 loop\$1)) same (loop or low\$2pass) near2 filter\$3 with (gain\$1 or level or voltage) near2 (amplif\$4 or adjust\$3 or adjustment\$1 or vary\$3 or chang\$3 or detect\$3) with control\$4 and (@pd<"20021130" or @ad<"20021130" or @prad<"20021130" or @rlad<"20021130")	USPAT	OR	OFF	2007/08/14 15:13

## EAST Search History

S10	13	(pll\$1 or (phase near2 lock\$3 near2 loop\$1)) same (loop or low\$2pass) near2 filter\$3 with (vga or (variable near2 gain near2 amplif\$4)) with control\$4 and (@pd<"20021130" or @ad<"20021130" or @prad<"20021130" or @rlad<"20021130")	USPAT	OR	OFF	2007/08/14 14:38
S20	18	(pll\$1 or (phase near2 lock\$3 near2 loop\$1)) same frequency adj (gain\$1 or voltage\$1) with (vco or (voltage near2 control\$3 near2 oscillat\$4)) with division near2 ratio\$1 and (@pd<"20021130" or @ad<"20021130" or @prad<"20021130" or @rlad<"20021130")	USPAT	OR	OFF	2007/08/14 17:14
S17	37	(pll\$1 or (phase near2 lock\$3 near2 loop\$1)) same frequency near2 (gain\$1 or voltage\$1) with (vco or (voltage near2 control\$3 near2 oscillat\$4)) with division near2 ratio\$1 and (@pd<"20021130" or @ad<"20021130" or @prad<"20021130" or @rlad<"20021130")	USPAT	OR	OFF	2007/08/14 17:01